

Abstract

A task generation unit extracts classes forming a system from design information of the system designed on an object-oriented basis and generates tasks corresponding to the extracted classes. A dependency setting unit extracts dependency between the classes from the design information of the system and sets dependency between the corresponding tasks on the basis of the dependency. A workload estimation unit extracts complexity of the classes from the design information of the system and estimates workload required for implementation of the classes on the basis of the complexity. A Gantt chart generation unit schedules the tasks on the basis of the above information.